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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/714,449

DATE: 10/15/2004

TIME: 11:43:55

Input Set : N:\AMC\US10714449.raw

Output Set: N:\CRF4\10152004\J714449.raw

1 <110> APPLICANT: MELO, CARLOS A.
 2 JANAVEL, GUSTAVO V.
 3 LAGUENS, RUBEN
 4 CROTTIGINI, JOSE A.
 5 ARGUELLES, MARACELO L.
 6 PICHEL, RICARDO H.
 7 CRISCUOLO, MARCELO E.
 8 <120> TITLE OF INVENTION: METHOD TO INDUCE NEOVASCULAR FORMATION AND TISSUE
 9 REGENERATION
 10 <130> FILE REFERENCE: 42597-193226
 11 <140> CURRENT APPLICATION NUMBER: US/10/714,449
 12 <141> CURRENT FILING DATE: 2003-11-17
 13 <150> PRIOR APPLICATION NUMBER: PCT/US02/14508
 14 <151> PRIOR FILING DATE: 2002-05-13
 15 <160> NUMBER OF SEQ ID NOS: 4
 16 <170> SOFTWARE: PatentIn Ver. 3.2
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 165
 20 <212> TYPE: PRT
 21 <213> ORGANISM: Homo sapiens
 22 <400> SEQUENCE: 1
 23 Ala Pro Met Ala Glu Gly Gly Gly Gln Asn His His Glu Val Val Lys
 24 1 5 10 15
 25 Phe Met Asp Val Tyr Gln Arg Ser Tyr Cys His Pro Ile Glu Thr Leu
 26 20 25 30
 27 Val Asp Ile Phe Gln Glu Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys
 28 35 40 45
 29 Pro Ser Cys Val Pro Leu Met Arg Cys Gly Gly Cys Cys Asn Asp Glu
 30 50 55 60
 31 Gly Leu Glu Cys Val Pro Thr Glu Glu Ser Asn Ile Thr Met Gln Ile
 32 65 70 75 80
 33 Met Arg Ile Lys Pro His Gln Gly Gln His Ile Gly Glu Met Ser Phe
 34 85 90 95
 35 Leu Gln His Asn Lys Cys Glu Cys Arg Pro Lys Lys Asp Arg Ala Arg
 36 100 105 110
 37 Gln Glu Asn Pro Cys Gly Pro Cys Ser Glu Arg Arg Lys His Leu Phe
 38 115 120 125
 39 Val Gln Asp Pro Gln Thr Cys Lys Cys Ser Cys Lys Asn Thr Asp Ser
 40 130 135 140
 41 Arg Cys Lys Ala Arg Gln Leu Glu Leu Asn Glu Arg Thr Cys Arg Cys
 42 145 150 155 160
 43 Asp Lys Pro Arg Arg
 44 165



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46 <210> SEQ ID NO: 2
47 <211> LENGTH: 576
48 <212> TYPE: DNA
49 <213> ORGANISM: Homo sapiens
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51 <221> NAME/KEY: CDS
52 <222> LOCATION: (79)..(573)
53 <400> SEQUENCE: 2
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55   gccaaagtggc cccaggct gca ccc atg gca gaa gga gga ggg cag aat cat 111
56               Ala Pro Met Ala Glu Gly Gly Gly Gln Asn His
57               1           5           10
58   cac gaa gtg gtg aag ttc atg gat gtc tat cag cgc agc tac tgc cat 159
59   His Glu Val Val Lys Phe Met Asp Val Tyr Gln Arg Ser Tyr Cys His
60               15           20           25
61   cca atc gag acc ctg gtg gac atc ttc cag gag tac cct gat gag atc 207
62   Pro Ile Glu Thr Leu Val Asp Ile Phe Gln Glu Tyr Pro Asp Glu Ile
63               30           35           40
64   gag tac atc ttc aag cca tcc tgt gtg ccc ctg atg cga tgc ggg ggc 255
65   Glu Tyr Ile Phe Lys Pro Ser Cys Val Pro Leu Met Arg Cys Gly Gly
66               45           50           55
67   tgc tgc aat gac gag ggc ctg gag tgt gtg ccc act gag gag tcc aac 303
68   Cys Cys Asn Asp Glu Gly Leu Glu Cys Val Pro Thr Glu Glu Ser Asn
69   60           65           70           75
70   atc acc atg cag att atg cgg atc aaa cct cac caa ggc cag cac ata 351
71   Ile Thr Met Gln Ile Met Arg Ile Lys Pro His Gln Gly Gln His Ile
72               80           85           90
73   gga gag atg agc ttc cta cag cac aac aaa tgt gaa tgc aga cca aag 399
74   Gly Glu Met Ser Phe Leu Gln His Asn Lys Cys Glu Cys Arg Pro Lys
75               95           100          105
76   aaa gat aga gca aga caa gaa aat ccc tgt ggg cct tgc tca gag cgg 447
77   Lys Asp Arg Ala Arg Gln Glu Asn Pro Cys Gly Pro Cys Ser Glu Arg
78               110          115          120
79   aga aag cat ttg ttt gta caa gat ccg cag acg tgt aaa tgt tcc tgc 495
80   Arg Lys His Leu Phe Val Gln Asp Pro Gln Thr Cys Lys Cys Ser Cys
81               125          130          135
82   aaa aac aca gac tcg cgt tgc aag gcg agg cag ctt gag tta aac gaa 543
83   Lys Asn Thr Asp Ser Arg Cys Lys Ala Arg Gln Leu Glu Leu Asn Glu
84   140          145          150          155
85   cgt act tgc aga tgt gac aag ccg agg cgg tga 576
86   Arg Thr Cys Arg Cys Asp Lys Pro Arg Arg
87               160          165
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90 <211> LENGTH: 19
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
95   primer

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101 <212> TYPE: DNA
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103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
105 primer
106 <400> SEQUENCE: 4
107 gcaggaattc atcgattca

19

19

VERIFICATION SUMMARY

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